

**ABSTRACT****PROCESS FOR DETERMINING THE BIOMECHANICAL  
COMPATIBILITY OF HEAD EQUIPMENT**

The disclosure relates to the ergonomics and safety of head equipment, notably incorporating display devices, intended to be worn by aircraft crew. One of the difficulties in evaluating injury risks associated with the wearing of head equipment is to determine precisely the center of gravity of the actual user's head, since standard head models prove to be too imprecise. The invention proposes a process enabling individualized determination of the center of gravity of the user's head and therefore its precise position relative to the center of gravity of the head equipment. One preferred embodiment of said process consists in using means to establish a three-dimensional mapping of the external surface of the user's head.